

# Converting Colors

YUV(241.1800, -40.0217,  
3.3501)

Have a look what the booklet for  
YUV(241.1800, -40.0217, 3.3501)  
contains.

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# Color

**YUV(241.1800, -40.0217,  
3.3501)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5FFA0
RGB	245, 255, 160
RGB Percent	96%, 100%, 63%
CMY	0.0392, 0.0000, 0.3725
CMYK	0.04, 0.00, 0.37, 0.00
HSL	66°, 100%, 81%
HSV	66°, 37%, 100%
XYZ	79.7614, 93.4705, 47.0955
YIQ	241.1800, 24.5350, -31.6650

# Conversions

## Conversions Part 2

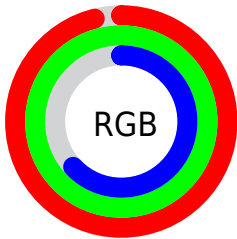
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 255, 170
Decimal	16121760
CIELab	97.42, -17.26, 44.30
CIELCh	97, 47.539, 111.284
Yxy	93.4705, 0.3620, 0.4242
Android (android.graphics.Color)	4294311840 (0xFFFF5FFA0)
YUV	241.1800, -40.0217, 3.3501
Hunter-Lab	96.6802, -21.9274, 38.7944

# Details

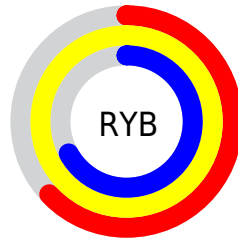
The YUV color  $241.1800, -40.0217, 3.3501$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $173.8200, 40.0217, -3.3501$ , and the grayscale version is  $242.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $250.5540, -17.0351, 3.8991$ , and  $184.3370, -38.1271, 2.3355$  is the 20% darker color. If you saturate the color by 10%, you get  $237.3190, -50.9363, 4.1052$ , and if you desaturate by 10%, it is  $245.0410, -29.1072, 2.5950$ .

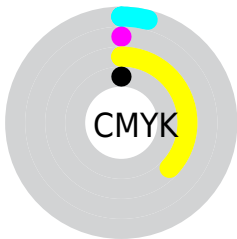
# Distribution



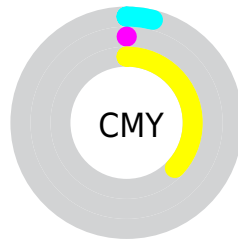
- Red (96%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (67%)



- Cyan (4%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 241.1800, -40.0217, 3.3501 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 241.1800, -40.0217, 3.3501 by changing the saturation by 10% instead.



241.1800,  
-40.0217, 3.3501

241.1800,  
-40.0217, 3.3501

255.0000, 0.0000,  
0.0000

212.4080,  
-39.1481, 3.1502

250.5540,  
-17.0351, 3.8991

184.3370,  
-38.1271, 2.3355

253.8600, -4.3680,  
0.9998

157.4510,  
-37.6903, 2.2355

130.9670,  
-36.9587, 0.9059

105.0810,  
-36.5219, 0.8060

79.0980, -38.9953,  
0.7911

58.4210, -28.8016,

-2.1232

■ 37.4450, -18.4604,  
-5.6523

■ 16.4360, -8.1029,  
-14.4144

■ 241.1800,  
-40.0217, 3.3501

■ 241.1800,  
-40.0217, 3.3501

■ 237.3190,  
-50.9363, 4.1052

■ 245.0410,  
-29.1072, 2.5950

■ 233.8710,  
-61.5614, 5.3751

■ 248.4890,  
-18.4821, 1.3251

■ 230.1240,  
-72.0391, 6.0303

■ 252.3500, -7.5675,  
0.5701

■ 226.2630,  
-82.9537, 6.7853

255.0000, 0.0000,  
0.0000

■ 222.8150,  
-93.5788, 8.0552

■ 218.9540,  
-104.4933, 8.8103

■ 217.8570,  
-107.4035, 8.8954

# Harmonies

## Analogous

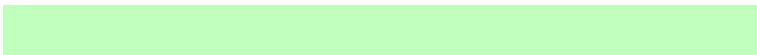
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.9090, -38.9021, 17.6198



241.1800, -40.0217, 3.3501



228.5250, -19.9788, -32.0324

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.1800, -40.0217, 3.3501



204.4690, 24.9118, -103.8973



230.3460, 12.1544, 21.6216

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



241.1800, -40.0217, 3.3501



173.8200, 40.0217, -3.3501

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.8030, 8.9711, 15.9588



241.1800, -40.0217, 3.3501



226.2960, 14.1511, -59.0186

# Square

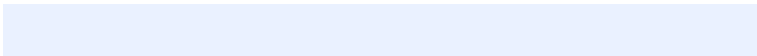
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.1800, -40.0217, 3.3501



201.7780, 26.2384, -109.4303



240.5030, 7.1470, -5.7031



225.9000, -4.8807, 25.5207



# Rectangle

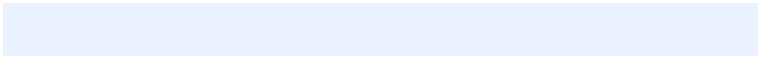
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.1800, -40.0217, 3.3501



220.0560, -1.9996, -58.8081



240.5030, 7.1470, -5.7031



232.1070, 11.2862, 20.0772

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



241.1800, -40.0217, 3.3501



250.9110, -11.7881, 0.9551



194.2750, -16.8976, 53.2558



125.4640, -7.1308, 0.4701



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

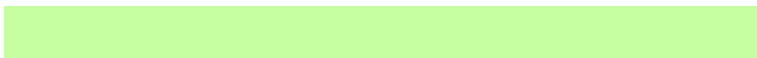
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.1800, -40.0217, 3.3501



238.3020, -48.4629, 4.1201



227.1270, -33.0936, -25.5444



125.9200, -5.3836, 0.0702



163.2460, -80.4803, 6.8003



54.6110, -26.9232, 2.0952



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



173.8200, 40.0217, -3.3501



156.6980, 48.4629, -4.1201



187.8730, 33.0936, 25.5444



116.7810, 5.5310, -0.6849



27.7540, 80.4803, -6.8003

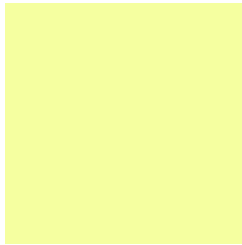


9.3890, 26.9232, -2.0952



# Previews

## White Background



This preview shows how the YUV color 241.1800, -40.0217, 3.3501 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 241.1800, -40.0217, 3.3501 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 241.1800, -40.0217, 3.3501 Background



This preview shows how black text looks on a background with the YUV color 241.1800, -40.0217, 3.3501.



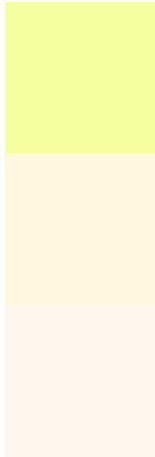
This preview shows how white text looks on a background with the YUV color 241.1800, -40.0217, 3.3501.



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

241.1800, -40.0217, 3.3501

### Protanopia

246.5420, -12.0992, 7.4177

### Deuteranopia

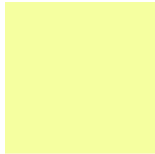
247.7790, -4.8210, 6.3328



## Tritanopia

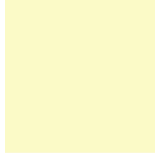
248.5320, 3.1887, 3.9184

# Trichromacy



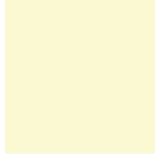
## Original Color

241.1800, -40.0217, 3.3501



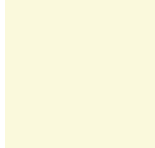
## Protanomaly

244.4850, -22.4241, 5.7137



## Deuteranomaly

245.1520, -17.3299, 5.1287



## Tritanomaly

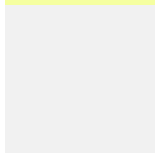
245.9930, -12.8145, 3.5141

# Monochromacy



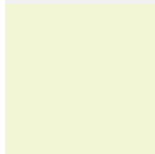
## Original Color

241.1800, -40.0217, 3.3501



## Achromatopsia

241.0000, 0.0000, 0.0000



## Achromatomaly

240.9280, -14.2615, 0.9401

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 241.1800, -40.0217, 3.3501 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 255, 160)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 160)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 255, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 160) }
```

## Border

The CSS property to change the border of an element to YUV 241.1800, -40.0217, 3.3501 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 255, 160) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(245, 255, 160) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(245, 255, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 160);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
160) }
```

# Background

The CSS property to change the background color of an element to YUV 241.1800, -40.0217, 3.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 160) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
255, 160) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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